

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application. An identifier indicating the status of each claim is provided.

Listing of Claims:

1-28. (Canceled)

29. (Currently Amended) An apparatus for processing video signals, comprising:

a video decomposition section, which

accepts an input composite video signal comprising a sequence of frames, each frame comprising an even field and an odd field,

inserts into a first output video signal a first frame derived from the even field of a frame of the composite video signal, and

inserts into a second output video signal a second frame derived from the odd field of the frame of the composite video signal

acquires a first reproduction output video signal by copying data of the odd field of each frame to the even field of the same frame, and

acquires a second reproduction output video signal by copying data of the even field of each frame to the odd field of the same frame.

30. (Currently Amended) The apparatus of claim 29, comprising an interpolation section, wherein each of the a first frame and the a second frame comprises an even field and an odd field, and

wherein the interpolation section uses interpolation to provide an odd field that is added to the first frame and an even field that is added to the second frame.

31. (Previously Presented) The apparatus of claim 29, comprising a decompression section coupled to the video decomposition section, wherein the decompression section accepts an input compressed composite video signal and provides, uncompressed, the composite video signal input to the video decomposition section.

32. (Previously Presented) The apparatus of claim 31, comprising:
a recording medium; and
a reader coupled to the decompression section and configured to read from the recording medium, the reader acquiring the compressed composite video signal from the recording medium.

33. (New) A method of creating a decomposite video signal, the method comprising:
accepting an input composite video signal comprising a sequence of frames, each frame comprising an even field and an odd field,
acquiring a first reproduction output video signal by copying data of the odd field of each frame to the even field of the same frame, and
acquiring a second reproduction output video signal by copying data of the even field of each frame to the odd field of the same frame.

34. (New) The method of claim 33, further comprising:

supplying an odd field of each frame to a first interpolation section; and

supplying an even field of each frame to a second interpolation section,

wherein each first frame comprises an even field and an odd field.

35. (New) The method of claim 33, further comprising:

accepting an input compressed composite video signal; and

decompressing the input compressed composite video signal.

36. (New) The method of claim 33, further comprising acquiring an input compressed composite video signal from a recording medium.